Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

Claim 1. (Currently Amended) A method for identifying a leukocyte that is of ~~type of~~T cell, B cell, or myeloid ~~leukemia~~ lineage in a human subject, said method comprising:

obtaining a biological sample that comprises leukocytes from said human subject, said sample comprising at least one surface marker antigen that is present on the cell surface of a type of leukocyte;

contacting said sample with an array of immunoglobulin molecules immobilized to a solid support, wherein the immunoglobulin molecules are specific for said surface marker antigens, and wherein ~~at least seven of~~ the surface marker antigens comprise CD3, CD4, CD8, CD14, CD19, and CD56~~are selected from the list consisting of CD2, CD3, CD4, CD5, CD7, CD8, CD9, CD10, CD11b, CD11c, CD13, CD14, CD15, CD16, CD19, CD20, CD21, CD22, CD23, CD24. CD25, CD33, CD34, CD36, CD37, CD38, CD41, CD42, CD42a, CD45, CD45RA, CD45RO, CD52, CD56, CD57, CD60, CD61, CD71, CD79a, CD95, CD103, CD117, CD122, CD154, glycophorin A, HLA-DR, KOR-SA3544, and FMC7~~; and~~,~~

determining which surface marker antigens have bound to which immobilized immunoglobulin molecules to ~~thereby~~ establish a discriminatory image of antigen expression and which expression is characteristic of a ~~type~~ leukocyte that is of T cell, B cell, or myeloid lineage~~of leukemia~~.

Claim 2. (Previously Presented) The method of Claim 1, wherein the immunoglobulin molecules are monoclonal antibodies.

Claims 3. – 17. (Canceled)

Claim 18. (Previously Presented) The method of Claim 1 wherein the immunoglobulin molecules are polyclonal antibodies.

Claim 19. (Previously Presented) The method of Claim 1 wherein the biological sample is selected from the list consisting of cells, cell debris, cell extracts, tissue fluid, serum, plasma, blood, cerebrospinal fluid, urine, lymphatic fluid, seminal fluid, aspirate, bone marrow aspirate and mucus.

Claim 20. (Previously Presented) The method of Claim 19 wherein the biological sample is blood.

Claim 21. (Previously Presented) The method of Claim 1, wherein the immunoglobulin molecules are antigen binding fragments of immunoglobulin molecules.